

7006-0810-0001-6935-5838



**John Robison**  
Plant Manager

MPM Silicones, L.L.C.  
3500 WV State Route 2  
Friendly, WV 26146

T 304 652 8000  
F 304 652 8738

March 15, 2007

Mr. Sudhir Patel  
Hazardous Waste Permitting Unit  
WVDEP – Division of Water and Waste Management  
601 57<sup>th</sup> Street  
Charleston, WV 25301

Re: 2006 Groundwater Monitoring Report  
MPM Silicones, L.L.C. – Sistersville Plant  
EPA ID No.: WWD004325353

Dear Mr. Patel:

Enclosed is our facility's Groundwater Monitoring Report for 2006. You will find the monitoring results presented in a spreadsheet format, with the values for the required monitoring parameters for each replicate sample. You should also note that per our Corrective Action permit with the USEPA, which is in process of being transitioned to WVDEP, data for the North Inactive Site and the South Inactive Site groundwater monitoring is also included in this report.

We reported to your Agency, in a letter dated July 29, 2004, that we had detected levels of 1,1-Dichloroethane in EP-21. In keeping with the commitment made in that letter, we continued to monitor the wells in the Environmental Protection area for 1,1-Dichloroethane. 1,1-Dichloroethane was not detected in the four sampling events in 2006. 1,1-Dichlorethane was detected in NF-8 ranging from 13.6 to 16 ppb. No groundwater maximum contaminant limit (MCL) has been established for 1,1-Dichloroethane.

Levels of chlorobenzene continue to be detected in monitoring wells EP-21 in the Environmental Protection area, NF-8 at the North Inactive Site, and MW-27 in the Copper Pond Area. During the 2<sup>nd</sup> quarter of 2006, chlorobenzene was detected in EP-12A but was not detected again in the 3<sup>rd</sup> or 4<sup>th</sup> quarters. These trends are expected as the recovery well captures groundwater that migrates from the North Inactive Area. Chlorobenzene concentrations ranged from 5.2 to 75 ppb during 2006. The observed values of chlorobenzene are well below the groundwater MCL of 100 ug/L.

Dichloroethylene (cis-1,2) was initially detected in EP-20 in 2005. Per the Corrective Action Permit, Well 3203 was added to the program. Dichloroethylene (cis-1,2) was detected in EP-20, EP-11A, and EP-13A in concentrations ranging from 5.7 ppb to 12 ppb. No analytes were detected in MW-3203. MW-3203 will continue to be sampled quarterly until the permitted analytes are not detected in EP-20 and MW-3203 four consecutive quarters.

Benzene was detected in the South Inactive Site Well 5704 in concentrations ranging from 7.9 to 49.9 ppb in the 2<sup>nd</sup> and 3<sup>rd</sup> quarters of 2006. The well was sampled again during the 4<sup>th</sup> quarter and benzene was not detected, however, dichloroethylene (cis-1,2) was detected in concentrations ranging from 5.9 to

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EPA002962

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March 7, 2007  
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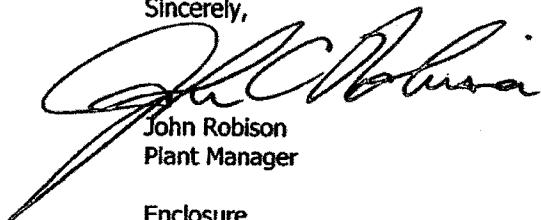
6.6 ppb. The South Inactive wells will be sampled quarterly until the permitted analytes are not detected four consecutive quarters per the Corrective Action Permit.

We also reported to your Agency, in a letter dated July 22, 1993, that we had detected low concentrations of 1,1,1-trichloroethane (TCA) in some of the non-RCRA wells. We have continued monitoring these wells for 1,1,1-trichloroethane. This data is presented in the spreadsheets titled Western Boundary Groundwater Monitoring and Production Groundwater Monitoring. During the 2006 sampling, concentrations of TCA were observed in MW-63 and MW-64 at values between 9.3 and 20.6 ppb, which are well below the groundwater MCL of 200 ug/L. TCA previously observed in MW-73 and MW-74 were not detected in 2006.

Should you have any questions regarding this report, feel free to call Tina Adams at (304) 652-8127.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,



John Robison  
Plant Manager

Enclosure

JR/tna

cc:     Mark Leskowicz - MPM  
         Dennis Heintzman - MPM  
         Tina Adams - MPM  
         Matt Sweeney - WVDEP  
         Bill Wentworth - USEPA  
         Jim Duranti - WVDEP  
         State Correspondence File

Mr. Sudhir Patel  
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Bcc: Ray Hiley - MPM  
Michael Cote - Chemtura

Bcc CERTIFIED MAIL:

Chemtura Corporation  
General Counsel  
199 Benson Road  
Middlebury, CT 06749

Wachtell, Lipton, Rosen, & Katz  
Steven A. Cohen, Esq.  
51 West 52<sup>nd</sup> Street  
New York, NY 10019

SISVIL010647

EPA002964

**EPA ID No. WVD004325353  
2006 GROUNDWATER MONITORING DATA**

**MPM Silicones, L.L.C.  
SISTERSVILLE, WEST VIRGINIA**

**Submitted to:**

West Virginia Department of Environmental Protection

**Attached:**

- Summary reports showing results of replicate analyses as required by our RCRA Part B Permit and the Corrective Action contained in the RCRA Part B Permit
- Summary reports showing results of replicate analyses as required by our Corrective Action permit with the US EPA
- Additional groundwater monitoring data for wells not included per our permit. This data is to keep your Agency apprised of the 1,1,1-Trichloroethane, 1,1-Dichloroethane, and Dichloroethylene (cis-1,2) previously detected
- Portions of Drawing No. 1258462 showing well locations
- Table of Permitted Status Groundwater Monitoring Wells giving each well's area, location, and permitted status function

All Groundwater Analyses are performed by our in-house laboratory or a State Certified Contract laboratory  
(pH is a Field Measurement)

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## PERMITTED STATUS GROUNDWATER MONITORING WELLS

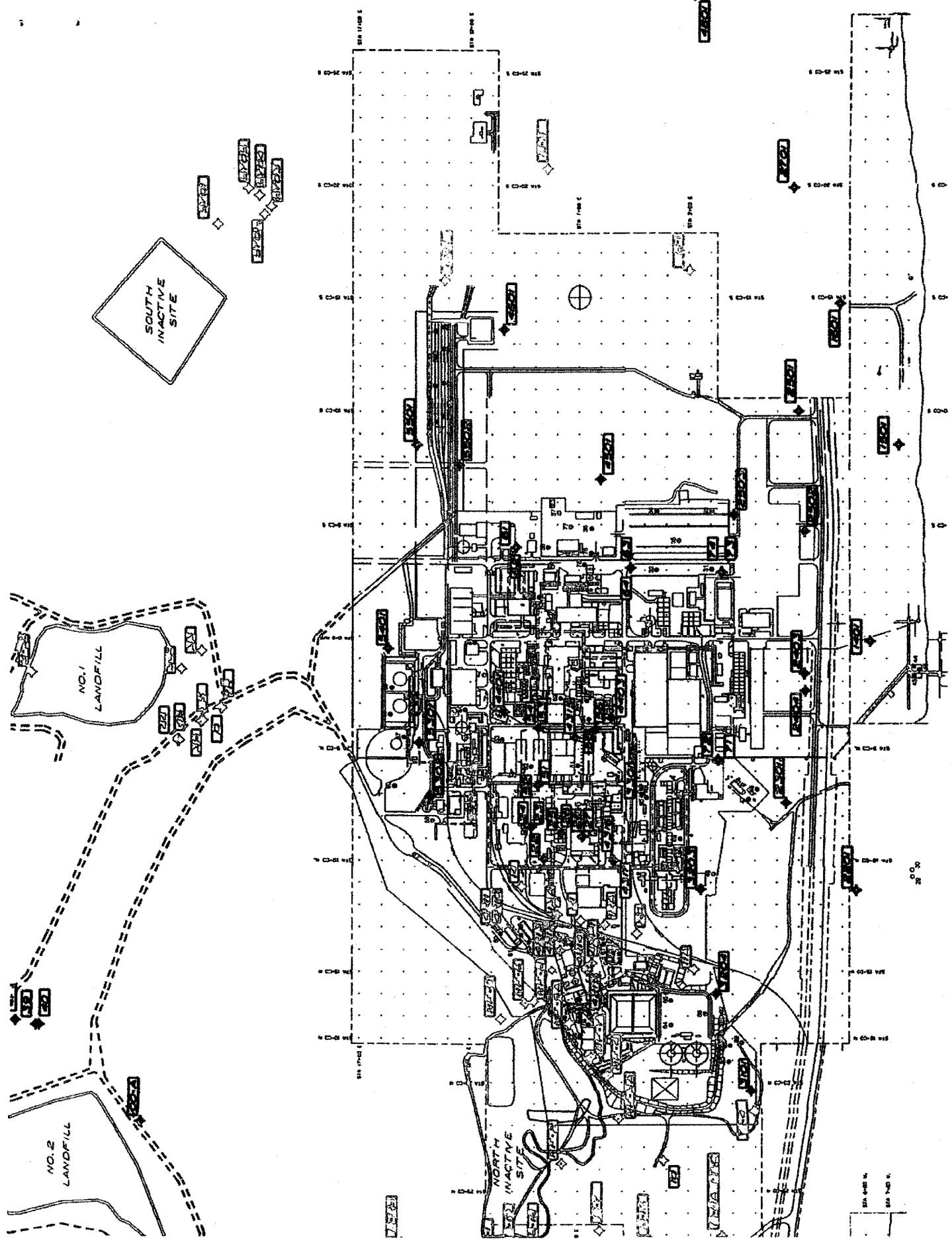
Area	Well No.	Up/Down Gradient	Location	Permitted Status Well Function				
				Shallow / Deep	GW Elevation Wells	GW Quality Wells	Appendix IX Wells	Interim Use
EP	10	U	Center of Borrow Pit		DP		MON	DET
	11A	D	South of EQ Basin		S		MON	DET
	12A	D	SW of #1 Settling Basin		S	Int. CZ	MON	DET
	13A	D	South of #2 Settling Basin		S		MON	DET
	14	D	East of Monomers Copper Basin		DP		MON	DET
	20	D	South of EP Offices		DP	Ext. CZ	MON	DET
	21	D	South of #1 Settling Basin		DP		MON	DET
Copper Pond	22	D	South of Monomers Copper Basin		S			DET
	23	D	NE Corners of Monomers Control Bldg.		DP		CA	IX ASSM
	24	D	NE Corners of Monomers Control Bldg.		S			ASSM
	25	D	SW Corner, Methyls Rectification		DP			ASSM
	26	D	SW Corner, Methyls Rectification		S			ASSM
	27	D	South of Amylene Tank, Intermediates		DP		CA	ASSM
	28	D	South of Amylene Tank, Intermediates		S			ASSM
	3301	D	South of Esters Control Bldg.		DP	Ext. CZ		ASSM
	4315	D	Recovery Well Between 3rd St. & TF4		DP		R	
	4401	D	North of Small Scale Production		DP	Ext. CZ		
	4403	D	North of UST Farm		DP	Ext. CZ		
	51	D	South of Monomers Control Bldg.		DP			ASSM
	52	D	South of Monomers Control Bldg.		S			ASSM
	53	D	South of Silanes on 3rd St., East Set		DP	Int. CZ	CA	IX ASSM
	54	D	South of Silanes on 3rd St., East Set		S			ASSM
	55	D	South of Silanes on 3rd St., West Set		DP	Int. CZ	CA	ASSM
	56	D	South of Silanes on 3rd St., West Set		S			ASSM
	63	D	SE of water tower, B Ave & 5th St		DP		CA	ASSM
	64	D	SE of water tower, B Ave & 5th St		S			ASSM
Production	5401	D	East of Plant, South of Energy System Tanks		DP			
	5501	D	East of Railroad maritaling yard		DP			
	61	D	Poly II Drum Fill Bldg. 451		DP			ASSM
	62	D	Poly II Drum Fill Bldg. 451		S			ASSM
Western Boundary	1401	D	East of Raney Well #2		DP			
	1501	D	Between Raney Well #2 and #3 along Ohio River		DP			
	1601	D	East of Raney Well #3		DP	Flow Path		
	2201	D	West of Rt. 2, North of Sugar Camp Run, South of RW1		DP			
	2403	D	East of Rt. 2 by main gate		DP			

## PERMITTED STATUS GROUNDWATER MONITORING WELLS

Area	Well No.	Up/Down Gradient	Location	Permitted Status Well Function				
				Shallow / Deep	GW Elevation Wells	GW Quality Wells	Appendix IX Wells	Interim Use
	2501	D	East of Rt. 2 by construction gate		DP			
	2701	D	East of Rt. 2, North of Plant Park gate		DP			
	3203	D	North of Esters Unit by fence		DP			
	71	D	SW of clean skimmer		DP			ASSM
	72	D	SW of clean skimmer		S			ASSM
	73	D	West of Potable Water Chlorine Bldg. 241		D	Flow Path		ASSM
	74	D	West of Potable Water Chlorine Bldg. 241		S			ASSM
#1 Landfill	M-31	U	East of LF Center, Above LF				MON	DET
	33	D	SW of LF Center, Below & off road				MON	DET
	34	D	SW of LF Center, Along road				MON	DET
	35	D	NW of LF Center, Bottom of dam				MON	DET
	44	D	Bottom of dam, north end		S		MON	
	45	D	Bottom of dam, north end		DP		MON	
	D	D	NW of Center, Bottom of dam		DP			DET
	R	D	NW of Center, Bottom of dam		R			DET
	S	D	NW of Center, Bottom of dam		S		MON	DET
#2 Landfill	106-1	U	East of SI Center, Uphill				MON	DET
	100-A	D	West of SI Center, Along road				MON	DET
	37	D	South of SI Center, Bottom of dam				MON	DET
	38	D	South of SI Center, Bottom of dam				MON	DET
	39	D	South of SI Center, Bottom of dam				MON	DET
	40	D	South of SI Center, Bottom of dam				MON	DET
	41	D	Close to center of bottom of dam		DP		MON	
	42	D	Just east of dam, midway down		S		MON	
	43	D	Just east of dam, midway down		DP		MON	

Notes:

- CZ = Capture Zone
- R = Recovery
- DP = Deep
- S = Shallow
- U = Upgradient
- D = Downgradient
- MON = Monitoring
- CA = Corrective Action
- IX = Appendix IX
- DET = Detection
- ASSM = Assessment
- Int. = Internal
- Ext. = External



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EPA002968

**#1 Landfill Wells**  
**Groundwater Monitoring Results**  
**1ST QUARTER**  
YEAR 2006

AREA	#1 Landfill Wells
Quarter	1

Max of RESULT	WELL NUMBER	REPLICATE ID	PARAMETER	ANALYTE	UNITS	pH	
			Mass Concentration of				
			Acrylonitrile	Chlorobenzene	Methyl chloride		
			ug/l	ug/l	ug/l	ug/l	s.u.
	GW #1 LF-33	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	6.93
	GW #1 LF-34	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	6.63
	GW #1 LF-35	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	6.2
	GW #1 LF-44	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	6.31
	GW #1 LF-45	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	6.34
	GW #1 LF-S	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	5.82
	GW #1 LF-M-31-F	A	0	0	0	0	
		B	0	0	0	0	
		C	0	0	0	0	
		D	0	0	0	0	7.12

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l

SISVIL010652

EPA002969

**#1 Landfill Wells**  
**Groundwater Monitoring Results**  
**2ND QUARTER**  
YEAR 2006

AREA	#1 Landfill Wells
Quarter	2

Sum of RESULT		PARAMETER		ANALYTE		UNITS		pH
		Mass Concentration of						
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.	
GW #1 LF-33	A	0	0	0	0	0		
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-34	A	0	0	0	0	0		6.78
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-35	A	0	0	0	0	0		6.46
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-44	A	0	0	0	0	0		
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-45	A	0	0	0	0	0		
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-S	A	0	0	0	0	0		
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		
GW #1 LF-M-31-F	A	0	0	0	0	0		
	B	0	0	0	0	0		
	C	0	0	0	0	0		
	D	0	0	0	0	0		

PQL      Acrylonitrile      50 ug/l  
Chlorobenzene      5 ug/l  
Methyl Chloride      5 ug/l  
Toluene      5 ug/l

**#1 Landfill Wells**  
**Groundwater Monitoring Results**  
**3RD QUARTER**  
YEAR 2006

AREA	#1 Landfill Wells
Quarter	3

Sum of RESULT		PARAMETER Mass Concentration of	ANALYTE		UNITS	pH
			Acrylonitrile	Chlorobenzene		
WELL NUMBER	REPLICATE ID		ug/l	ug/l	ug/l	ug/l
GW #1 LF-33	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-34	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-35	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-44	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-45	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-S	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-M-31-F	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0

PQL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l  
 Toluene      5 ug/l

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EPA002971

**#1 Landfill Wells**  
**Groundwater Monitoring Results**  
**4TH QUARTER**  
**YEAR 2006**

AREA	#1 Landfill Wells
Quarter	4

Sum of RESULT		PARAMETER	ANALYTE		UNITS	pH
			Mass Concentration of			
WELL NUMBER	REPLICATE ID		ug/l	ug/l	ug/l	ug/l
GW #1 LF-33	A		0	0	0	0
	B		0	0	0	0
	C		0	0	0	0
	D		0	0	0	0
GW #1 LF-34	A		0	0	0	7.07
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
GW #1 LF-35	A		0	0	0	6.63
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
GW #1 LF-44	A		0	0	0	6.07
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
GW #1 LF-45	A		0	0	0	5.93
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
GW #1 LF-S	A		0	0	0	6.13
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
GW #1 LF-M-31-F	A		0	0	0	5.57
	B		0	0	0	
	C		0	0	0	
	D		0	0	0	
						7.09

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l

**#2 Landfill Wells**  
**Groundwater Monitoring Results**  
**1ST QUARTER**

AREA	#2 Landfill Wells
Quarter	1

YEAR 2006

Sum of RESULT	PARAMETER	ANALYTE	UNITS				pH			
				Mass Concentration of						
		Acrylonitrile	ug/l	Chlorobenzene	ug/l	Ethybenzene	m,p-Xylene	Methyl chloride	o-Xylene	s.u.
WELL NUMBER	REPLICATE ID		ug/l		ug/l	ug/l	ug/l	ug/l	ug/l	
GW #2 LF-100-A	A	0	0	0	0	0	0	0	0	7.97
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-106-1	A	0	0	0	0	0	0	0	0	6.93
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-37	A	0	0	0	0	0	0	0	0	8.39
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-38	A	0	0	0	0	0	0	0	0	6.78
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-39	A	0	0	0	0	0	0	0	0	6.89
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-40	A	0	0	0	0	0	0	0	0	6.82
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-41	A	0	0	0	0	0	0	0	0	7.23
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	
GW #2 LF-43	A	0	0	0	0	0	0	0	0	7.85
	B	0	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	

PQL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l

Ethylbenzene      5 ug/l  
 m,p-Xylene      10 ug/l  
 o-Xylene      5 ug/l

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EPA002973

**#2 Landfill Wells**  
**Groundwater Monitoring Results**  
**2ND QUARTER**

AREA	#2 Landfill Wells
Quarter	2

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS	Mass Concentration of			pH
					Acrylonitrile	Chlorobenzene	Ethylbenzene	
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.
GW #2 LF-100-A	A	0	0	0	0	0	0	6.66
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-106-1	A	0	0	0	0	0	0	7.66
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-37	A	0	0	0	0	0	0	7.66
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-38	A	0	0	0	0	0	0	8.05
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-39	A	0	0	0	0	0	0	6.51
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-40	A	0	0	0	0	0	0	6.99
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-41	A	0	0	0	0	0	0	7.77
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	
GW #2 LF-43	A	0	0	0	0	0	0	7.68
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	

PQL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l

Ethylbenzene      5 ug/l  
 m,p-Xylene      10 ug/l  
 o-Xylene      5 ug/l

SISVIL010657

EPA002974

**#2 Landfill Wells**  
**Groundwater Monitoring Results**  
**3RD QUARTER**

AREA	#2 Landfill Wells
Quarter	3

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS					
		Mass Concentration of							pH
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.
GW #2 LF-100-A	A	0	0	0	0	0	0	0	
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-106-1	A	0	0	0	0	0	0	0	7.89
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-37	A	0	0	0	0	0	0	0	6.91
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-38	A	0	0	0	0	0	0	0	7.38
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-39	A	0	0	0	0	0	0	0	6.2
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-40	A	0	0	0	0	0	0	0	6.82
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-41	A	0	0	0	0	0	0	0	7.53
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	
GW #2 LF-43	A	0	0	0	0	0	0	0	7.1
	B	0	0	0	0	0	0	0	
	C	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	

PQL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l

Ethybenzene      5 ug/l  
 m,p-Xylene      10 ug/l  
 o-Xylene      5 ug/l

SISVIL010658

EPA002975

**#2 Landfill Wells**  
**Groundwater Monitoring Results**  
**4TH QUARTER**

AREA	#2 Landfill Wells
Quarter	4

YEAR 2006

Sum of RESULT		PARAMETER		ANALYTE		UNITS		pH
		Mass Concentration of						
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.
GW #2 LF-100-A	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	7.34
GW #2 LF-106-1	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	6.69
GW #2 LF-37	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	7.55
GW #2 LF-38	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	6.58
GW #2 LF-39	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	6.91
GW #2 LF-40	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	7.62
GW #2 LF-41	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	7.11
GW #2 LF-43	A	0	0	0	0	0	0	
	B	0	0	0	0	0	0	
	C	0	0	0	0	0	0	
	D	0	0	0	0	0	0	7.37

PQL	Acrylonitrile Chlorobenzene Methyl Chloride	50 ug/l 5 ug/l 5 ug/l	Ethylbenzene m,p-Xylene o-Xylene	5 ug/l 10 ug/l 5 ug/l
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**Production Area Wells**  
**Groundwater Monitoring Results**  
**1ST QUARTER**

AREA	Production Area Wells
Quarter	1

YEAR 2006

Sum of RESULT		PARAMETER Mass Concentration of 1,1,1-Trichloroethane	ANALYTE Acrylonitrile	UNITS ug/l	pH	
					Methyl chloride	Toluene
WELL NUMBER	REPLICATE ID					s.u.
GW PRODUCTN-63	A	15	0	0	0	0
	B	14.3	0	0	0	0
	C	15.3	0	0	0	0
	D	14.8	0	0	0	0
GW PRODUCTN-64	A	0	0	0	0	0
	B	0	0	0	0	0
	C	0	0	0	0	0
	D	0	0	0	0	0

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVIL010660

EPA002977

**Production Area Wells**  
**Groundwater Monitoring Results**  
**2ND QUARTER**

AREA	Production Area Wells
Quarter	2

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS			pH
WELL NUMBER	REPLICATE ID	Mass Concentration of					s.u.
		1,1,1-Trichloroethane	Acrylonitrile	Chlorobenzene	Methyl chloride	Toluene	ug/l
GW PRODUCTN-63	A	0	0	0	0	0	
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW PRODUCTN-64	A	0	0	0	0	0	5.91
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	6.05

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVILL010661

EPA002978

**Production Area Wells**  
**Groundwater Monitoring Results**  
**3RD QUARTER**

AREA	Production Area Wells
Quarter	3

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS		pH						
		Mass Concentration of 1,1,1-Trichloroethane	ug/l	Acrylonitrile	ug/l		Chlorobenzene	ug/l	Methyl chloride	ug/l	Toluene	ug/l
WELL NUMBER	REPLICATE ID											
GW PRODUCTN-63	A	0	0	0	0	6.18	0	0	0	0	0	
	B	0	0	0	0		0	0	0	0	0	
	C	0	0	0	0		0	0	0	0	0	
	D	0	0	0	0		0	0	0	0	0	
GW PRODUCTN-64	A	0	0	0	0	5.67	0	0	0	0	0	
	B	0	0	0	0		0	0	0	0	0	
	C	0	0	0	0		0	0	0	0	0	
	D	0	0	0	0		0	0	0	0	0	

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVIL010662

EPA002979

**Production Area Wells**  
**Groundwater Monitoring Results**  
**4TH QUARTER**

AREA	Production Area Wells
Quarter	4

YEAR 2006

Sum of RESULT		PARAMETER Mass Concentration of 1,1,1-Trichloroethane	ANALYTE		UNITS		pH s.u.
			ug/l	ug/l	ug/l	ug/l	
GW PRODUCTN-63	A	9.3	0	0	0	0	6.21
	B	9.3	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW PRODUCTN-64	A	18.8	0	0	0	0	5.79
	B	19.8	0	0	0	0	
	C	18.2	0	0	0	0	
	D	20.6	0	0	0	0	

POL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVIL010663

EPA002980

**Western Boundary Wells**  
**Groundwater Monitoring Results**  
**1ST HALF**

AREA	Western Boundary Wells	YEAR 2006		
Quarter	1			
Sum of RESULT	WELL NUMBER	PARAMETER	ANALYTE	UNITS
		Mass Concentration of 1,1,1-Trichloroethane	pH	
	GW W BNDRY-1401	ug/l	s.u.	
	GW W BNDRY-1501	0	7.24	
	GW W BNDRY-1601	0	6.65	
	GW W BNDRY-2201	0	7.25	
	GW W BNDRY-73	0	6.28	
	GW W BNDRY-74	0	6.19	
		0	6.93	

PQL

1,1,1-Trichloroethane

5 ug/l

SISVIL010664

EPA002981

**Western Boundary Wells**  
**Groundwater Monitoring Results**  
**2nd Half**

AREA	Western Boundary Wells	YEAR	2006
Quarter	3		

Sum of RESULT	WELL NUMBER	REPLICATE ID	PARAMETER	ANALYTE	UNITS
			Mass Concentration of 1,1,1-Trichloroethane	pH	
			ug/l	s.u.	
	GW W BNDRY-1401		0	7.19	
	GW W BNDRY-1501		0	6.71	
	GW W BNDRY-1601		0	7.2	
	GW W BNDRY-2201		0	6.32	
	GW W BNDRY-73		0	6.22	
	GW W BNDRY-74		0	6.9	

PQL

1,1,1-Trichloroethane

5 ug/l

SISVIL010665

EPA002982

**EP Area Wells**  
**Groundwater Monitoring Results**  
**1st Quarter**

AREA Quarter	YEAR 2006								pH
Sum of RESULT		PARAMETER	ANALYTE	UNITS				s.u.	
WELL NUMBER	REPLICATE ID	Mass Concentration of ug/l							s.u.
		Acrylonitrile	Chlorobenzene	Dichloroethylene (-trans-1,2)	Methyl chloride	Toluene	1,1-Dichloroethane	Dichloroethylene (cis-1,2)	
GW EP-10	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.69
GW EP-11A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.48
GW EP-12A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.83
GW EP-13A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.54
GW EP-14	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.85
GW EP-20	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	5.7
	C	0	0	0	0	0	0	0	6.25
	D	0	0	0	0	0	0	0	7
GW EP-21	A	0	0	0	0	0	0	0	0
	B	0	0	8.45	0	0	0	0	0
	C	0	0	12	0	0	0	0	0
	D	0	0	13.1	0	0	0	0	0
GW W BNDRY-3203	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	7.16

PQL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l  
 Toluene      5 ug/l

Dichloroethylene (trans-1,2)      5 ug/l  
 Dichloroethylene (cis-1,2)      5 ug/l  
 1,1-Dichloroethane      5 ug/l

**EP Area Wells**  
**Groundwater Monitoring Results**  
**2nd Quarter**

AREA	EP Area Wells
Quarter	2

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS					pH
WELL NUMBER	REPLICATE ID	Mass Concentration of							s.d.
		Acrylonitrile ug/l	Chlorobenzene ug/l	Dichloroethylene (-trans-1,2) ug/l	Methyl chloride ug/l	Toluene ug/l	1,1-Dichloroethane ug/l	Dichloroethylene (cis-1,2) ug/l	
GW EP-10	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.32
GW EP-11A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	5.7
	C	0	0	0	0	0	0	0	7.35
	D	0	0	0	0	0	0	0	0
GW EP-12A	A	0	5.25	0	0	0	0	0	0
	B	0	7.3	0	0	0	0	0	0
	C	0	5.2	0	0	0	0	0	0
	D	0	5.3	0	0	0	0	0	0
GW EP-13A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	9.6
	C	0	0	0	0	0	0	0	9.65
	D	0	0	0	0	0	0	0	9.5
GW EP-14	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	0
GW EP-20	A	0	0	0	0	0	0	0	8.2
	B	0	0	0	0	0	0	0	12
	C	0	0	0	0	0	0	0	11.2
	D	0	0	0	0	0	0	0	0
GW EP-21	A	0	6.2	0	0	0	0	0	0
	B	0	12.2	0	0	0	0	0	0
	C	0	12.5	0	0	0	0	0	0
	D	0	12.3	0	0	0	0	0	0
GW W BNDRY-3203	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	0

PQL	Acrylonitrile	50 ug/l	Dichloroethylene (trans-1,2)	5 ug/l
	Chlorobenzene	5 ug/l	Dichloroethylene cis-1,2)	5 ug/l
	Methyl Chloride	5 ug/l	1,1-Dichloroethane	5 ug/l
	Toluene	5 ug/l		

SISVIL010667

EPA002984

**EP Area Wells**  
**Groundwater Monitoring Results**  
**3rd Quarter**

AREA Quarter	EP Area Wells 3
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YEAR 2006

WELL NUMBER	REPLICATE ID	PARAMETER		ANALYTE	UNITS	Acrylonitrile	Chlorobenzene	Dichloroethylene (-trans-1,2)	Methyl chloride	Toluene	1,1-Dichloroethane	Dichloroethylene (cis-1,2)	pH											
		Mass Concentration of																						
		ug/l	ug/l																					
GW EP-10	A	0	0		ug/l	0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.7										
GW EP-11A	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	5.95										
GW EP-12A	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.3										
GW EP-13A	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.2										
GW EP-14	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.35										
GW EP-20	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.18										
GW EP-21	A	0	12.6			0	0	0	0	0	0	0	0											
	B	0	12.4			0	0	0	0	0	0	0	0											
	C	0	11.9			0	0	0	0	0	0	0	0											
	D	0	12.5			0	0	0	0	0	0	0	0	6.6										
GW W BNDRY-3203	A	0	0			0	0	0	0	0	0	0	0											
	B	0	0			0	0	0	0	0	0	0	0											
	C	0	0			0	0	0	0	0	0	0	0											
	D	0	0			0	0	0	0	0	0	0	0	6.8										

POL      Acrylonitrile      50 ug/l  
 Chlorobenzene      5 ug/l  
 Methyl Chloride      5 ug/l  
 Toluene      5 ug/l

Dichloroethylene (trans-1,2)      5 ug/l  
 Dichloroethylene cis-1,2)      5 ug/l  
 1,1-Dichloroethane      5 ug/l

SISVIL010668

EPA002985

**EP Area Wells**  
**Groundwater Monitoring Results**  
**4th Quarter**

AREA	EP Area Wells
Quarter	4

YEAR 2006

WELL NUMBER	REPLICATE ID	PARAMETER		ANALYTE		UNITS		pH	
		Mass Concentration of		Acrylonitrile	Chlorobenzene	Dichloroethylene (-trans-1,2)	Methyl chloride	1,1-Dichloroethane	
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.
GW EP-10	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.03
GW EP-11A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.05
GW EP-12A	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.35
GW EP-13A	A	0	0	0	0	0	0	0	6.4
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.2
GW EP-14	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.64
GW EP-20	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.22
GW EP-21	A	0	8.2	0	0	0	0	0	0
	B	0	9.85	0	0	0	0	0	0
	C	0	10.1	0	0	0	0	0	0
	D	0	9.35	0	0	0	0	0	6.54
GW W BNDRY-3203	A	0	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0	6.64

PQL	Acrylonitrile	50 ug/l	Dichloroethylene (trans-1,2)	5 ug/l
	Chlorobenzene	5 ug/l	Dichloroethylene cis-1,2)	5 ug/l
	Methyl Chloride	5 ug/l	1,1-Dichloroethane	5 ug/l
	Toluene	5 ug/l		

SISVIL010669

EPA002986

**Copper Pond Wells**  
**Groundwater Monitoring Results**  
**1ST HALF**

AREA	Copper Pond Wells
Quarter	1

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS		
WELL NUMBER	REPLICATE ID	Mass Concentration of				pH
		Acrylonitrile ug/l	Chlorobenzene ug/l	Methyl chloride ug/l	Toluene ug/l	
GW CU POND-23		0	0	0	0	3.75
GW CU POND-27		0	0	0	0	6.73
GW CU POND-53		0	0	0	0	5.13
GW CU POND-55		0	0	0	0	6.92

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l

SISVIL010670

EPA002987

**Copper Pond Wells**  
**Groundwater Monitoring Results**  
**2ND HALF**

AREA	Copper Pond Wells
Quarter	3

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE		UNITS	pH
			Acrylonitrile	Chlorobenzene		
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	s.u.
GW CU POND-23		0	0	0	0	3.7
GW CU POND-27		0	6.9	0	0	6.43
GW CU POND-53		0	0	0	0	4.77
GW CU POND-55		0	0	0	0	6.79

PQL	Acrylonitrile	50 ug/l
	Chlorobenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l

SISVIL010671

EPA002988

**North Inactive Site Wells**  
**Groundwater Monitoring Results**  
**1ST HALF**

AREA Quarter	North Inactive Site Wells 2
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YEAR 2006

WELL NUMBER	REPLICATE ID	PARAMETER Mass Concentration of 1,2-Dichloroethane ug/l	ANALYTE UNITS						pH s.u.
			Benzene ug/l	Chlorobenzene ug/l	Dichloroethylene (-trans-1,2) ug/l	Toluene ug/l	1,1-Dichloroethane ug/l	Dichloroethylene (cis-1,2) ug/l	
			A	B	C	D	E	F	
GW North Fort-NF-1	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	7.06
GW North Fort-NF-2	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	6.27
GW North Fort-NF-3A	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	5.57
GW North Fort-NF-4	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	6.07
GW North Fort-NF-5A	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	6.49
GW North Fort-NF-6	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	5.83
GW North Fort-NF-7	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	6.39
GW North Fort-NF-8	A B C D	0 0 0 0	0 0 0 0	58.7 63.8 63.2 75	0 0 0 0	0 0 0 0	14.1 13.8 13.6 16	0 0 0 0	5.84
GW North Fort-NF-9	A B C D	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	5.88

PQL      1,2-Dichloroethane      5 ug/l  
 Chlorobenzene      5 ug/l  
 Toluene      5 ug/l  
 Benzene      5 ug/l

Dichloroethylene (trans-1,2)      5 ug/l  
 Dichloroethylene (cis-1,2)      5 ug/l  
 1,1-Dichloroethane      5 ug/l

SISVIL010672

EPA002989

North Inactive Site Wells  
Groundwater Monitoring Results  
2ND HALF

AREA	North Inactive Site Wells
Quarter	4

YEAR 2006

WELL NUMBER	REPLICATE ID	PARAMETER	ANALYTE		UNITS	Toluene	1,1-Dichloroethane	Dichloroethylene (cis-1,2)	pH
			Mass Concentration of 1,2-Dichloroethane	Benzene					
GW North Fort-NF-1	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.76
GW North Fort-NF-2	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.5
GW North Fort-NF-3A	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	5.83
GW North Fort-NF-4	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.27
GW North Fort-NF-5A	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.43
GW North Fort-NF-6	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.01
GW North Fort-NF-7	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	6.33
GW North Fort-NF-8	A	ug/l	0	0	ug/l	68.6	0	15.2	0
	B	ug/l	0	0	ug/l	67.3	0	15	0
	C	ug/l	0	0	ug/l	66.1	0	15.5	0
	D	ug/l	0	0	ug/l	66.1	0	16	0
GW North Fort-NF-9	A	ug/l	0	0	ug/l	0	0	0	0
	B	ug/l	0	0	ug/l	0	0	0	0
	C	ug/l	0	0	ug/l	0	0	0	0
	D	ug/l	0	0	ug/l	0	0	0	5.96

PQL	All Wells Except 7B		Well 7 Replicate B	
	1,2-Dichloroethane	Chlorobenzene	Toluene	Benzene
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l
	5 ug/l	5 ug/l	25 ug/l	25 ug/l

SISVIL010673

EPA002990

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**1st Quarter Page 1**

AREA	South Inactive Site Wells
Quarter	1

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE		UNITS		pH
			Mass Concentration of				
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	s.u.
GW SOUTH SITE-5701	A	0	0	0	0	0	7.31
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5702	A	0	0	0	0	0	6.61
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5703	A	0	0	0	0	0	6.25
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5704	A	0	0	0	0	0	6.02
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5705	A	0	0	0	0	0	6.73
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	

PQL      1,2-Dichloroethane      5 ug/l  
Chlorobenzene      5 ug/l  
Dichloroethylene (trans-1,2)      5 ug/l  
Acrylonitrile      50 ug/l  
1,1,1-Trichloroethane      5 ug/l

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EPA002991

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**1st Quarter Page 2**

AREA	South Inactive Site Wells
Quarter	1

YEAR 2006

WELL NUMBER	REPLICATE ID	PARAMETER		ANALYTE		UNITS	
		Mass Concentration of		Benzene	Ethylbenzene	Methyl chloride	Toluene
		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GW SOUTH SITE-5701	A	0	0	0	0	0	0
	B	0	0	0	0	0	0
	C	0	0	0	0	0	0
	D	0	0	0	0	0	0
GW SOUTH SITE-5702	A	0	0	0	0	0	0
	B	0	0	0	0	0	0
	C	0	0	0	0	0	0
	D	0	0	0	0	0	0
GW SOUTH SITE-5703	A	0	0	0	0	0	0
	B	0	0	0	0	0	0
	C	0	0	0	0	0	0
	D	0	0	0	0	0	0
GW SOUTH SITE-5704	A	0	0	0	0	0	5.7
	B	0	0	0	0	0	0
	C	0	0	0	0	0	6.45
	D	0	0	0	0	0	6.5
GW SOUTH SITE-5705	A	0	0	0	0	0	0
	B	0	0	0	0	0	0
	C	0	0	0	0	0	0

PQL	Ethylenbenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	Benzene	5 ug/l
	Dichloroethylene cis-1,2)	5 ug/l
	1,1-Dichloroethane	5 ug/l

SISVIL010675

EPA002992

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**2nd Quarter Page 1**

AREA	South Inactive Site Wells
Quarter	1

YEAR 2006

Sum of RESULT		PARAMETER		ANALYTE		UNITS		pH	S.U.
		Mass Concentration of		1,1,1-Trichloroethane	1,2-Dichloroethane	Acrylonitrile	Chlorobenzene		
WELL NUMBER	REPLICATE ID	ug/l		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GW SOUTH SITE-5701	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5702	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5703	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5704	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5705	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0

PQL	5701 - 5703	5704 - 5705
1,2-Dichloroethane	5 ug/l	25 ug/l
Chlorobenzene	5 ug/l	25 ug/l
Dichloroethylene (-trans-1,2)	5 ug/l	25 ug/l
Acrylonitrile	50 ug/l	50 ug/l
1,1,1-Trichloroethane	5 ug/l	25 ug/l

SISVIL010676

EPA002993

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**2nd Quarter Page 2**

AREA	South Inactive Site Wells
Quarter	2

YEAR 2006

Sum of RESULT		PARAMETER Mass Concentration of	ANALYTE		UNITS		
			Benzene	Ethylbenzene	Methyl chloride	Toluene	1,1-Dichloroethane
WELL NUMBER	REPLICATE ID		ug/l	ug/l	ug/l	ug/l	Dichloroethylene (cis-1,2)
GW SOUTH SITE-5701	A		0	0	0	0	0
	B		0	0	0	0	0
	C		0	0	0	0	0
	D		0	0	0	0	0
GW SOUTH SITE-5702	A		0	0	0	0	0
	B		0	0	0	0	0
	C		0	0	0	0	0
	D		0	0	0	0	0
GW SOUTH SITE-5703	A		0	0	0	0	0
	B		0	0	0	0	0
	C		0	0	0	0	0
	D		0	0	0	0	0
GW SOUTH SITE-5704	A		49.9	0	0	0	0
	B		35.4	0	0	0	0
	C		30.4	0	0	0	0
	D		0	0	0	0	0
GW SOUTH SITE-5705	A		0	0	0	0	0
	B		0	0	0	0	0
	C		0	0	0	0	0
	D		0	0	0	0	0

PQL	5701 - 5703		5704 - 5705	
	Ethylenebenzene	5 ug/l	25 ug/l	
Methyl Chloride		5 ug/l	25 ug/l	
Toluene		5 ug/l	25 ug/l	
Benzene		5 ug/l	25 ug/l	
Dichloroethylene cis-1,2)		5 ug/l	25 ug/l	
1,1-Dichloroethane		5 ug/l	25 ug/l	

SISVIL010677

EPA002994

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**3rd Quarter Page 1**

AREA	South Inactive Site Wells
Quarter	3

YEAR 2006

Sum of RESULT		PARAMETER		ANALYTE		UNITS		pH	s.u.
		Mass Concentration of		1,1,1-Trichloroethane	1,2-Dichloroethane	Acrylonitrile	Chlorobenzene		
WELL NUMBER	REPLICATE ID	ug/l		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GW SOUTH SITE-5701	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5703	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5704	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0
GW SOUTH SITE-5705	A	0		0	0	0	0	0	0
	B	0		0	0	0	0	0	0
	C	0		0	0	0	0	0	0
	D	0		0	0	0	0	0	0

PQL	1,2-Dichloroethane	5 ug/l
	Chlorobenzene	5 ug/l
	Dichloroethylene (trans-1,2)	5 ug/l
	Acrylonitrile	50 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVIL010678

EPA002995

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**3rd Quarter Page 2**

AREA	South Inactive Site Wells
Quarter	3

YEAR 2006

Sum of RESULT		PARAMETER Mass Concentration of	ANALYTE		UNITS	
			Benzene ug/l	Ethylbenzene ug/l	Methyl chloride ug/l	Toluene ug/l
WELL NUMBER	REPLICATE ID					
GW SOUTH SITE-5701	A	0	0	0	0	0
	B	0	0	0	0	0
	C	0	0	0	0	0
	D	0	0	0	0	0
GW SOUTH SITE-5703	A	0	0	0	0	0
	B	0	0	0	0	0
	C	0	0	0	0	0
	D	0	0	0	0	0
GW SOUTH SITE-5704	A	18.2	0	0	0	10.4
	B	10.6	0	0	0	8.25
	C	7.9	0	0	0	7.6
	D	8.05	0	0	0	7.05
GW SOUTH SITE-5705	A	0	0	0	0	0
	B	0	0	0	0	0
	C	0	0	0	0	0
	D	0	0	0	0	0

PQL	Ethylbenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	Benzene	5 ug/l
	Dichloroethylene cis-1,2)	5 ug/l
	1,1-Dichloroethane	5 ug/l

SISVIL010679

EPA002996

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**4th Quarter Page 1**

AREA	South Inactive Site Wells
Quarter	4

YEAR 2006

Sum of RESULT		PARAMETER	ANALYTE	UNITS			pH
WELL NUMBER	REPLICATE ID	Mass Concentration of					s.u.
		1,1,1-Trichloroethane	1,2-Dichloroethane	Acrylonitrile	Chlorobenzene	Dichloroethylene (-trans-1,2)	
GW SOUTH SITE-5701	A	0	0	0	0	0	6.76
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5702	A	0	0	0	0	0	6.8
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5703	A	0	0	0	0	0	5.38
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5704	A	0	0	0	0	0	5.84
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	
GW SOUTH SITE-5705	A	0	0	0	0	0	6.61
	B	0	0	0	0	0	
	C	0	0	0	0	0	
	D	0	0	0	0	0	

PQL	1,2-Dichloroethane	5 ug/l
	Chlorobenzene	5 ug/l
	Dichloroethylene (trans-1,2)	5 ug/l
	Acrylonitrile	50 ug/l
	1,1,1-Trichloroethane	5 ug/l

SISVIL010680

EPA002997

**South Inactive Site Wells**  
**Groundwater Monitoring Results**  
**4th Quarter Page 2**

AREA	South Inactive Site Wells
Quarter	4

YEAR 2006

Sum of RESULT		PARAMETER		ANALYTE		UNITS		
		Mass Concentration of		Benzene	Ethylbenzene	Methyl chloride	1,1-Dichloroethane	Dichloroethylene (cis-1,2)
WELL NUMBER	REPLICATE ID	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
GW SOUTH SITE-5701	A	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0
GW SOUTH SITE-5702	A	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0
GW SOUTH SITE-5703	A	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0
GW SOUTH SITE-5704	A	0	0	0	0	0	0	6.6
	B	0	0	0	0	0	0	5.9
	C	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0
GW SOUTH SITE-5705	A	0	0	0	0	0	0	0
	B	0	0	0	0	0	0	0
	C	0	0	0	0	0	0	0
	D	0	0	0	0	0	0	0

PQL	Ethylenebenzene	5 ug/l
	Methyl Chloride	5 ug/l
	Toluene	5 ug/l
	Benzene	5 ug/l
	Dichloroethylene cis-1,2)	5 ug/l
	1,1-Dichloroethane	5 ug/l

SISVIL010681

EPA002998